

ABSTRACT OF THE DISCLOSURE

5 A system for supporting translation of virtual IP  
addresses to Ethernet/MAC addresses in a multi-Virtual  
Network environment, in which address resolution tables are  
generated and maintained by Virtual Networking Devices.  
Virtual Networking Device (VND) sends and/or receives  
Virtual Network-specific ARP traffic. The Virtual Network-  
specific ARP traffic includes ARP requests or responses  
10 that map a MAC address to an IP address in the private IP  
address space of an associated Virtual Private Network.  
The disclosed Virtual Networking Devices can therefore  
operate in configurations in which multiple independent  
entities operate on separate Virtual Networks, and where  
15 servers may be accessible via virtual IP addresses within  
the private IP address spaces of associated Virtual  
Networks.

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